

NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☒ Special						Test Date 3-1-83			
Company Amoco Production Company				Connection Not dedicated					
Pool Bloomfield				Formation Chacra				Unit	
Completion Date 2-17-83		Total Depth 5750		Plug Back TD 5693		Elevation 5496 GL		Farm or Lease Name Romero Gas Com "A"	
Csg. Size 9.625	Wt. 7.000	d 47	8.681	Set At 3440	Perforations: From 2794 To 2914		Well No. 1		
Tbg. Size 2.375	Wt. 4.7	d 1.995	2929	Perforations: From		Perf Prod. Tube		Unit K	Sec. 27
Type Well - Single - Bradenhead - G.C. or G.O. Multiple Dual - Vent String				Packer Set At 4940		County San Juan			
Producing Thru Tubing		Reservoir Temp. °F θ		Mean Annual Temp. °F		Baro. Press. - P _a		State New Mexico	
L	H	Gg	% CO ₂	% N ₂	% H ₂ S	Prover	Meter Run	Taps	

FLOW DATA						TUBING DATA		CASING DATA		Duration of Flow
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	
SI	8 Days						846		846	
1.	2.375		.750				128		252	3 hrs
2.										
3.										
4.										
5.										

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor Ft.	Gravity Factor Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1	12.365		140	1.000	.9258	1.013	1623
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _t	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/Lbl.
1.					A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
2.					Specific Gravity Separator Gas _____
3.					Specific Gravity Flowing Fluid _____
4.					Critical Pressure _____ P.S.I.A.
5.					Critical Temperature _____ R

P _c 858	P _c ² 736164	(1) $\frac{P_c^2}{P_w^2 - P_c^2} = 1.1046$	(2) $\frac{P_c^2}{P_w^2 - P_c^2} = 1.1046$
NO.	P _w	P _w ²	P _w ² - P _c ²
1	264	69696	666468
2			
3			
4			
5			

Absolute Open Flow 1749		Mcf @ 15.025	Angle of Slope θ	Slope, n .75
Remarks:				
Approved By Commission		Conducted By: J. J. Barnett	Calculated By: J. J. Barnett	Checked By: